

# Chemical Downwind Message (CDM)

DTG of message: \_\_\_\_\_

WM \_\_\_\_\_  
 XM \_\_\_\_\_  
 YM \_\_\_\_\_

**\*\*NOTE:** CDM is only valid for 6 hours. Lines WM, XM and YM each contain coded weather information. Line WM is only valid for the first two hours; line XM for the next two hours and line YM for the last two hours.

Downwind direction: \_\_ degrees

Windspeed: \_\_ Km/h

Air Stability: \_\_\_\_\_

Temperature: \_\_ degrees C

Humidity: \_\_\_\_%

General Weather: \_\_\_\_\_

Cloud Cover: \_\_\_\_\_

**WHISKEY 120 010 4 18 7 4 2**

Downwind direction in degrees

Wind speed in Km/h

**Air Stability Codes**  
 1 = very unstable (U)  
 2 = unstable (U)  
 3 = slightly unstable (U)  
 4 = neutral (N)  
 5 = slightly stable (S)  
 6 = stable (S)  
 7 = very stable (S)

**Temperature Codes**

Code   Temp

05 = 5 °C  
 04 = 4 °C  
 03 = 3 °C  
 02 = 2 °C  
 01 = 1 °C  
 00 = 0 °C  
 51 = -1 °C  
 52 = -2 °C  
 53 = -3 °C  
 54 = -4 °C  
 55 = -5 °C

**Humidity Codes**

0 = 0-9%  
 1 = 10-19%  
 2 = 20-29%  
 3 = 30-39%  
 4 = 40-49%  
 5 = 50-59%  
 6 = 60-69%  
 7 = 70-79%  
 8 = 80-89%  
 9 = 90-99%

**Significant Weather Phenomena Codes**

3 = Blowing snow or sand  
 4 = Fog, ice fog or thick haze  
 5 = Drizzle  
 6 = Rain  
 7 = Light rain, snow or mixture  
 8 = Showers or rain, or snow, hail or mix  
 9 = Thunderstorm w/ or w/out precipitation

**Cloud Cover Codes**

0 = Sky less than half covered  
 1 = More than half covered  
 2 = Completely covered